

MLC598 Test Machine Dual-Flange Static Torque Sensor

Model: MLC598

Category: Torque Sensor

Range: 0-100Nm,1K,2k,5K 10KNm

Size: D125*95mm

Material: Alloy Steel

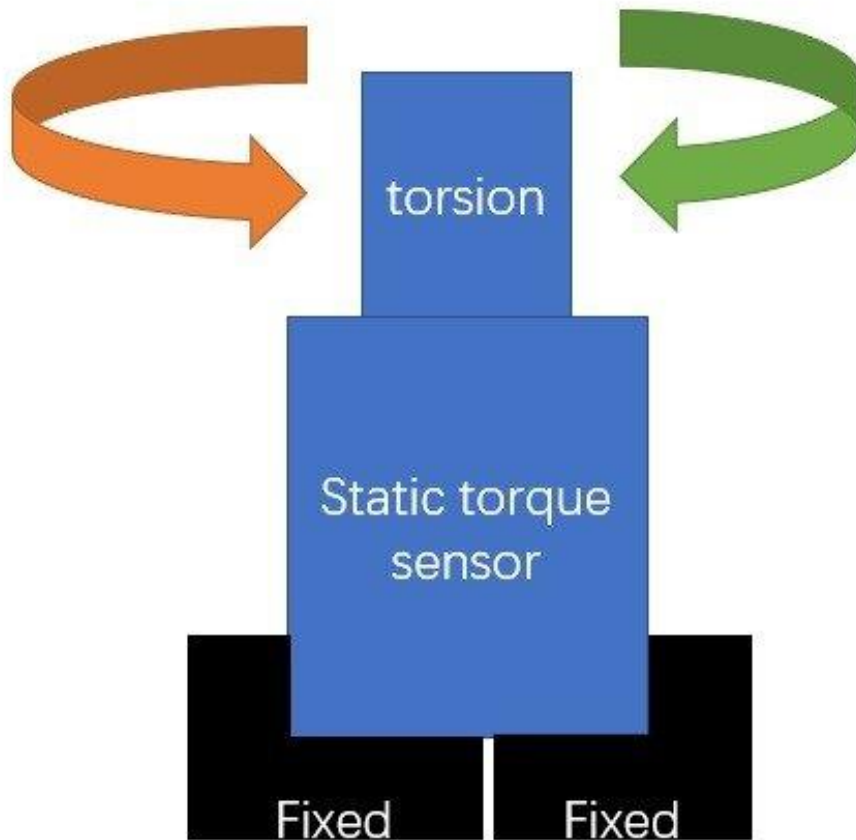
Application: Locomotive Power Torque Sensor for torque & power of rail, auto, marine & mining machinery

Keywords: Motor Dual-Flange Static Torque Sensor

Product Image



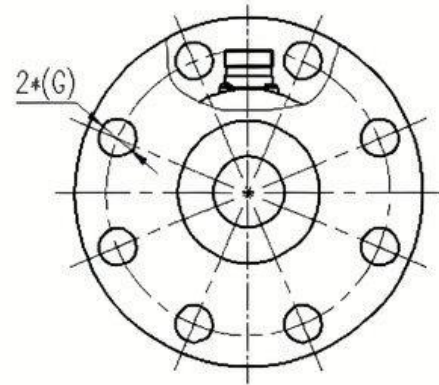
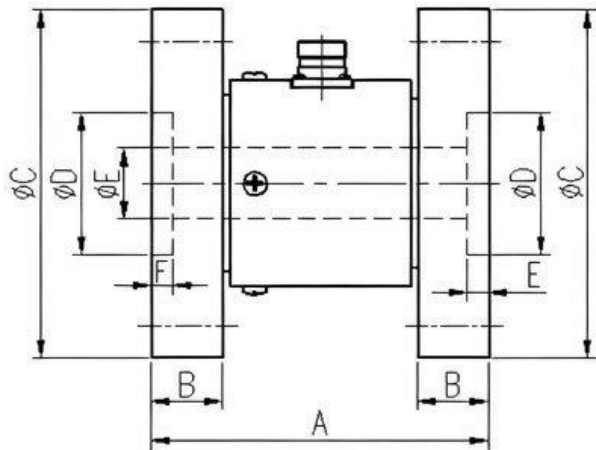
Force Structure



Specifications

Range	0-100Nm, 1K, 2k, 5K 10KNm	Input Resistance	$700 \pm 5 \Omega$
Sensitivity	$1.5 \pm 10\% \text{ mV} / \text{V}$	Insulation Resistance	$\geq 5000 \text{M} \Omega / 100 \text{VDC}$
Zero Output	$\pm 1\% \text{ F.S.}$	Excitation Voltage	10-15VDC
Nonlinearity	$\pm 0.1, 0.3\% \text{ F.S.}$	Temp. Compensation Range	$-10 \sim 60^\circ \text{C}$
Hysteresis	$\leq \pm 0.05\% \text{ F.S.}$	Operating Temp. Range	$-20 \sim 65^\circ \text{C}$
Repeatability	$\leq \pm 0.05\% \text{ F.S.}$	Safe Overload	150% F.S.
Creep	$\leq \pm 0.03\% \text{ F.S./30min}$	Ultimate Overload	200% F.S.
Temp. Sensitivity Drift	$0.03\% \text{ F.S.} / 10^\circ \text{C}$	Cable Size	$\varnothing 5.2 \times 3 \text{m}$
Zero Temp. Drift	$0.03\% \text{ F.S.} / 10^\circ \text{C}$	Electrical Connection	Red/E+, Black/E-, Green/S+, White/S-
Input Resistance	$750 \pm 10 \Omega$	Material	Stainless Steel or Alloy Steel

Product Dimensions



MLC598

型号	量程(km)	A	B	ΦC	ΦD	ΦE	F	G
MLC598A	0-100	85	10	59	22	12	5	4-Φ6.5
MLC598B	0-1000	95	20	98	40	20	6	8-Φ10.5
MLC598C	0-5000	95	20	125	50	40	6	8-Φ12.5
MLC598D	0-10000	160	30	190	80	30	6	8-Φ19
MLC598E	0-50000	220	45	308	130	80	5	12-Φ26